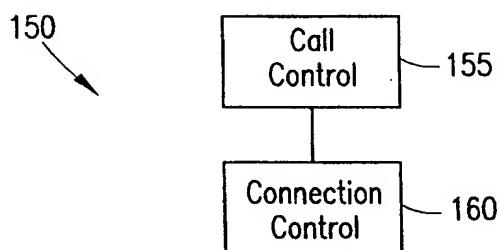
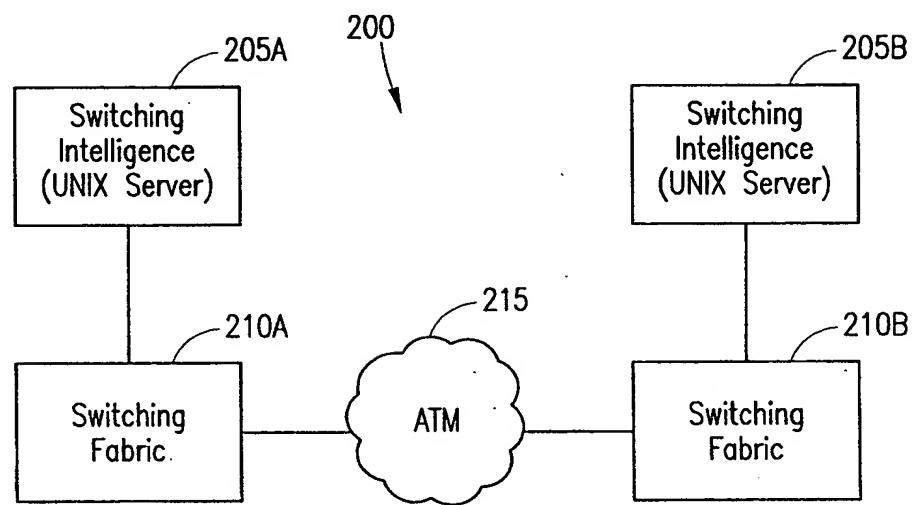


**FIG. 1A**  
(PRIOR ART)



**FIG. 1B**  
(PRIOR ART)



**FIG. 2**  
(PRIOR ART)

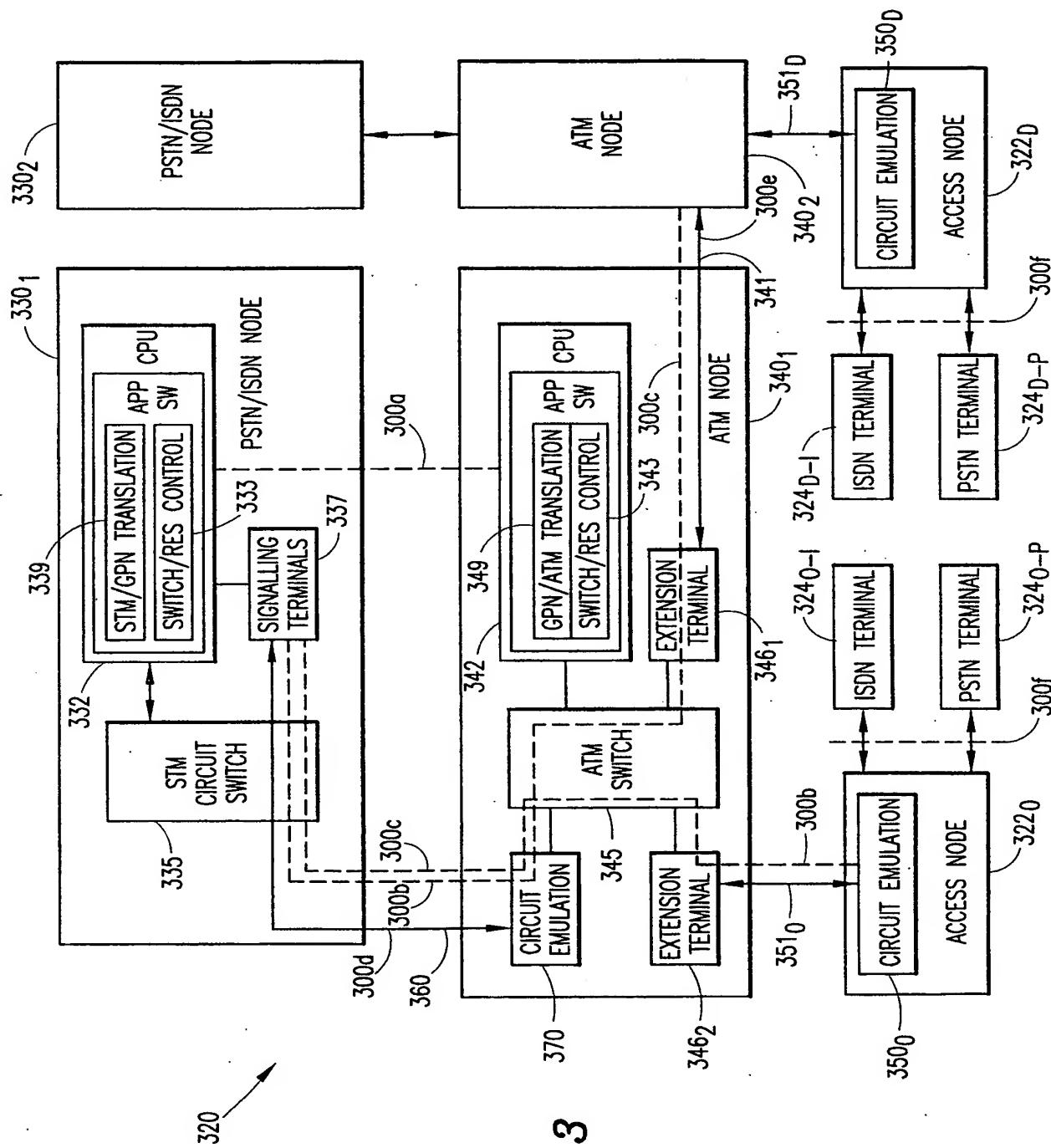
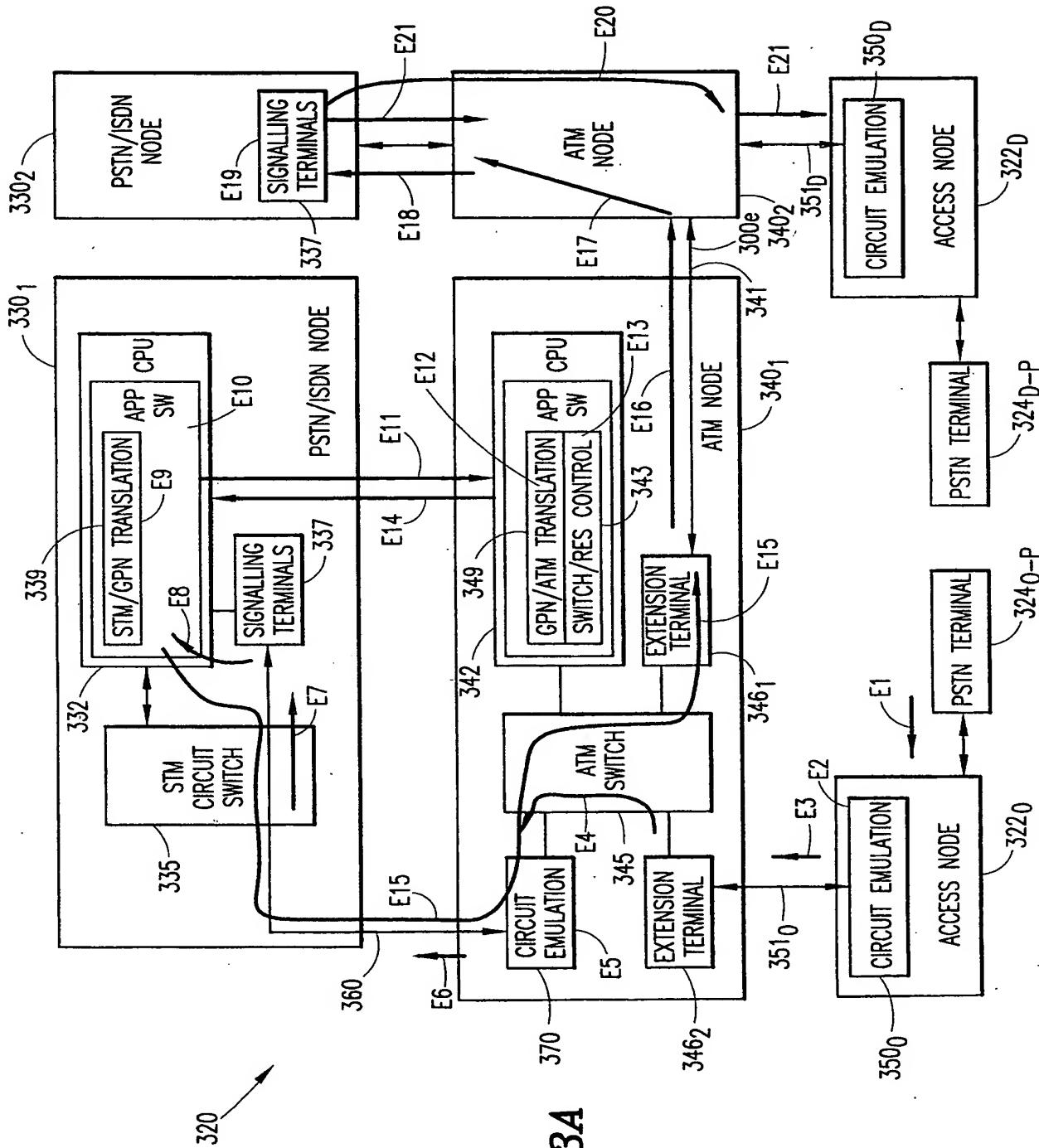


FIG. 3



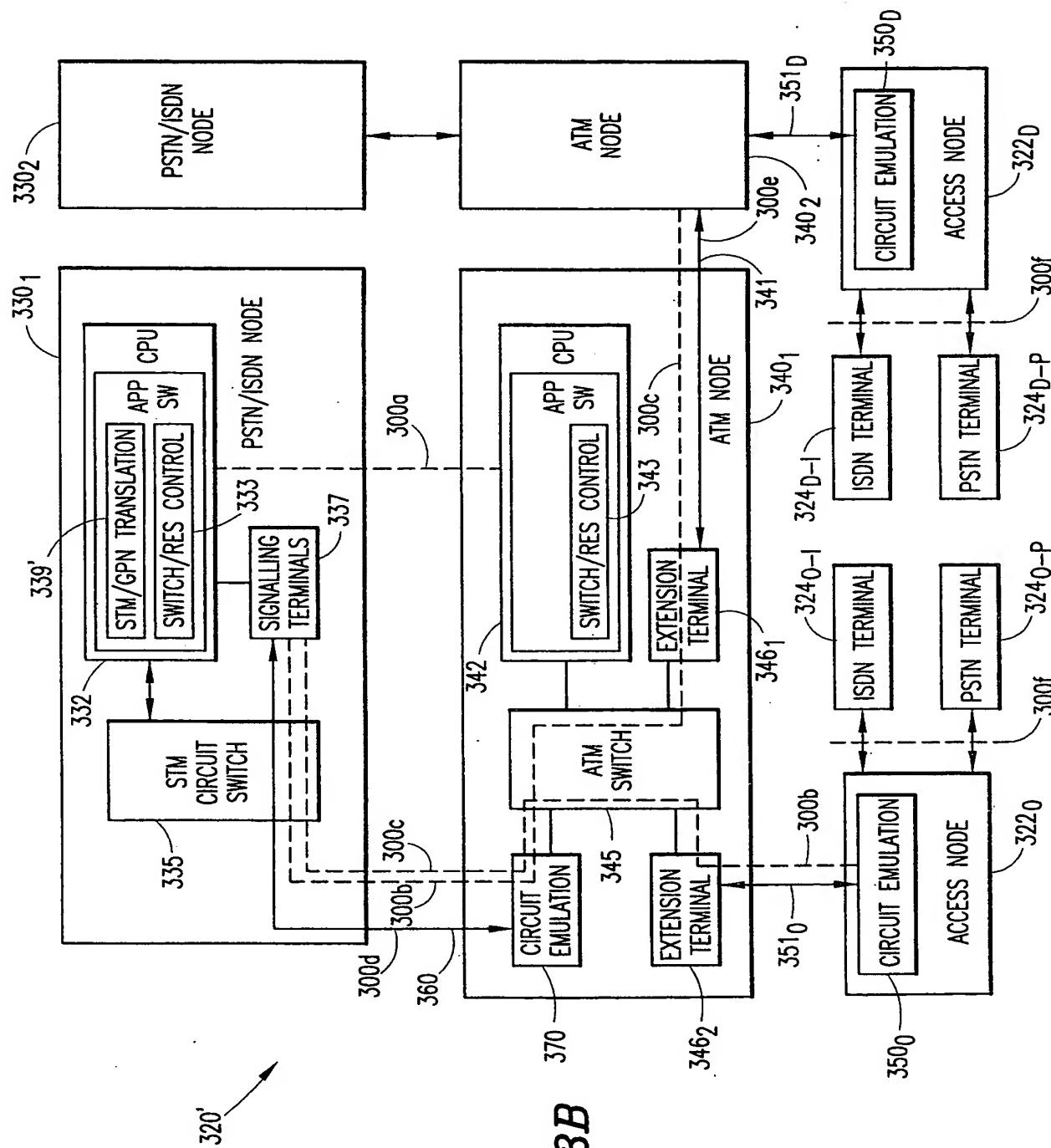
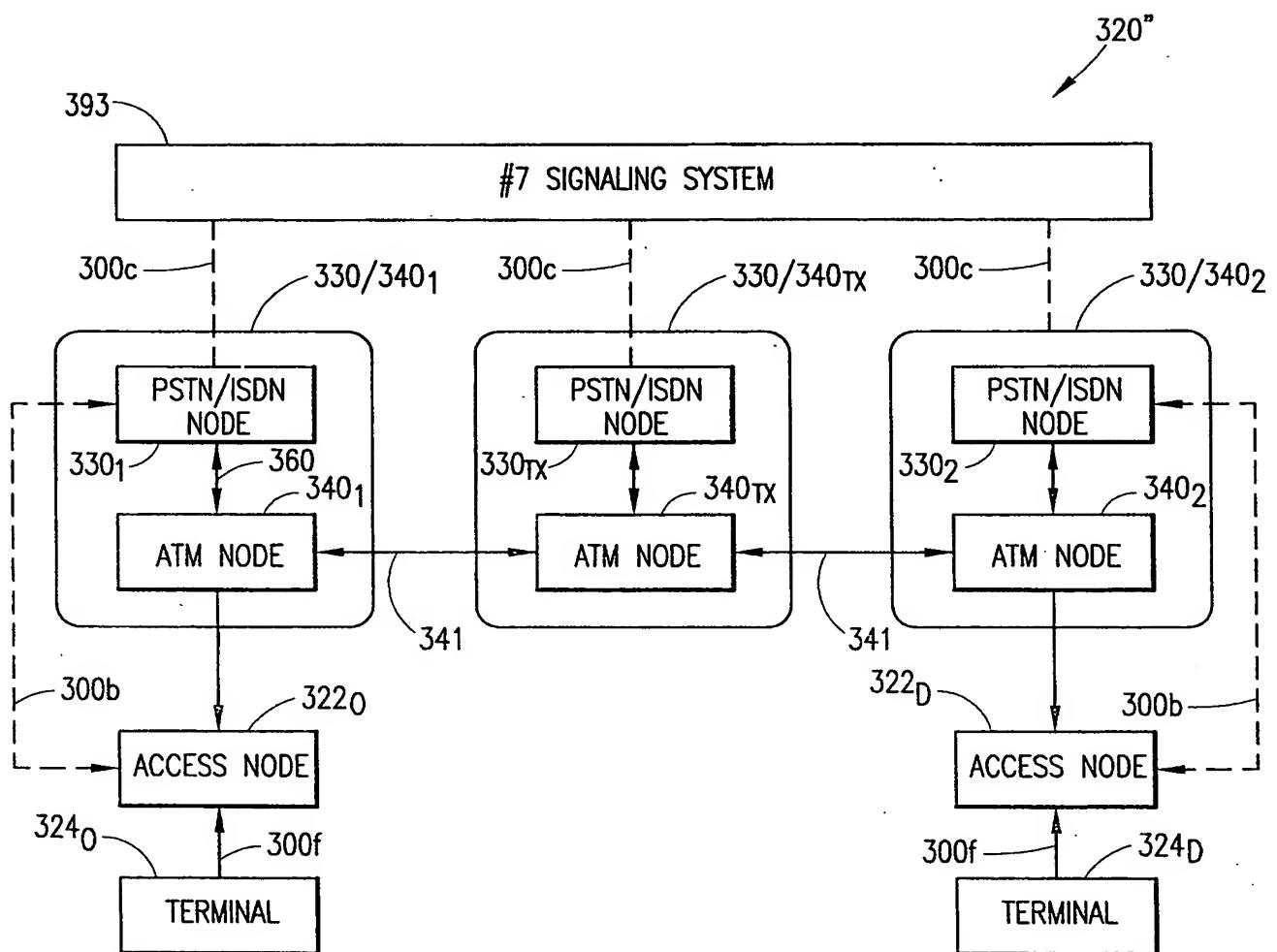
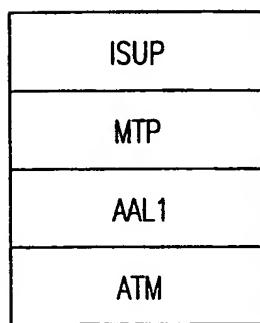


FIG. 3B

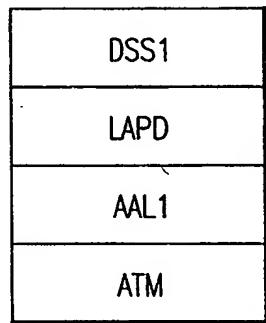


**FIG. 3C**

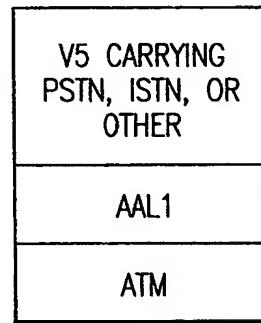
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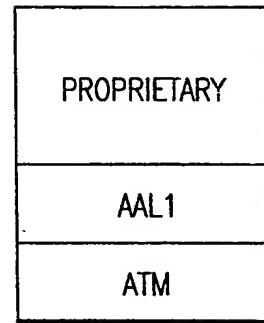
**FIG. 3D**



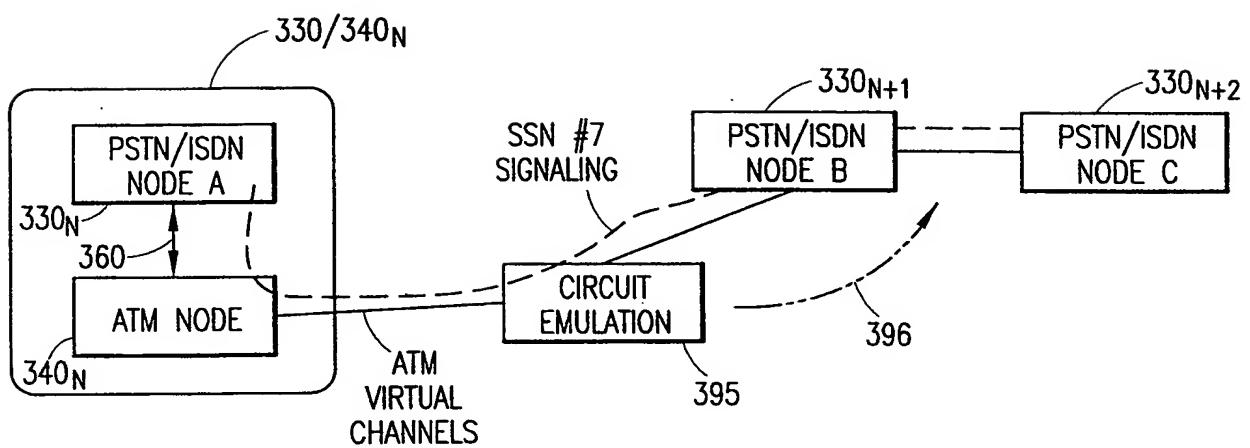
**FIG. 3E**



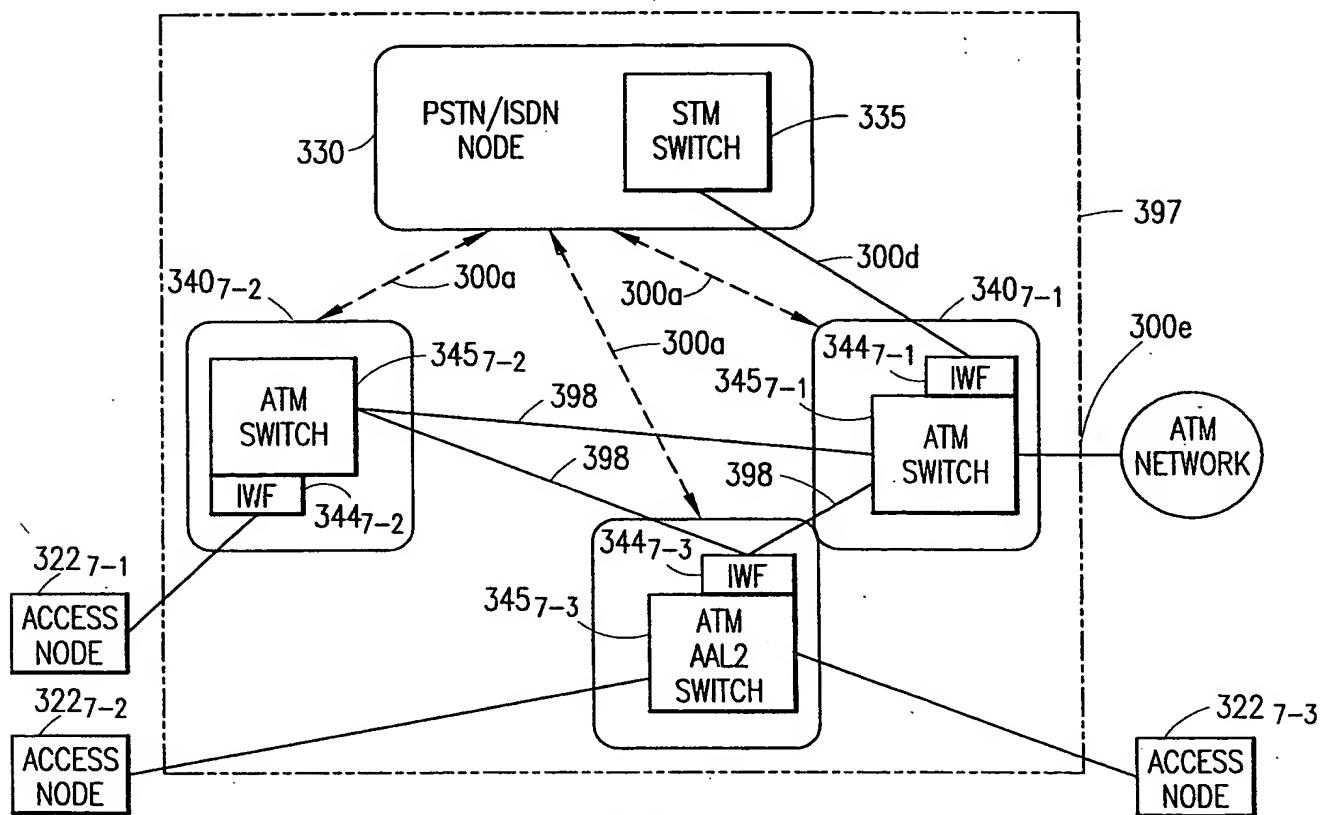
**FIG. 3F**



**FIG. 3G**

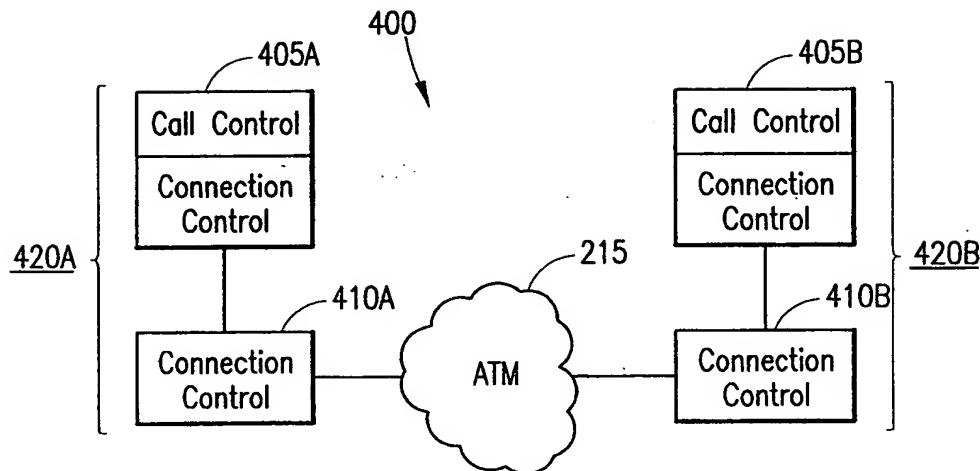


**FIG. 3H**

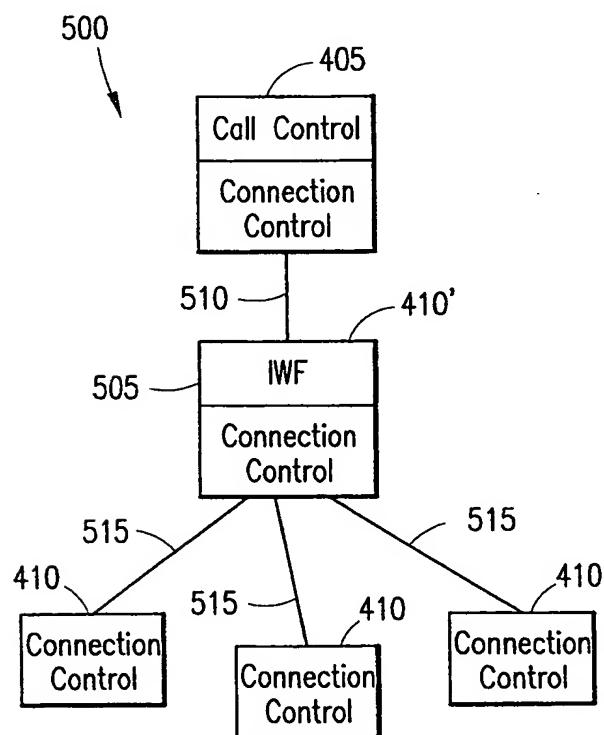


**FIG. 3I**

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*FIG. 4*



*FIG. 5*

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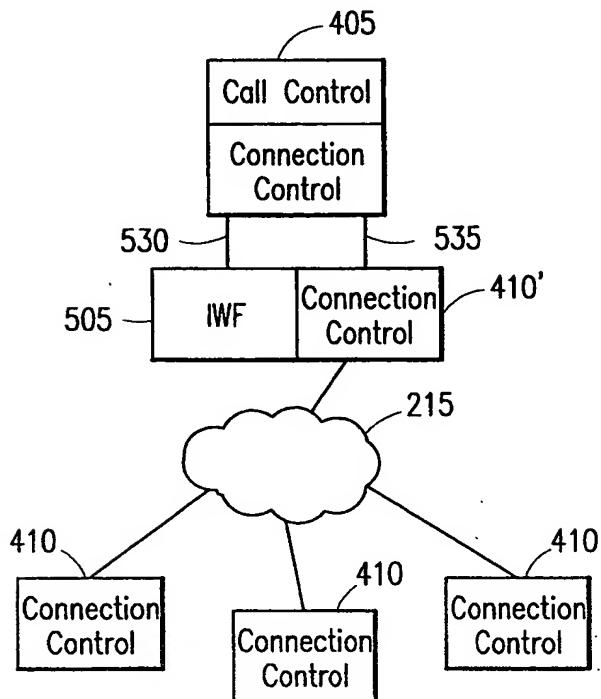


FIG. 5A

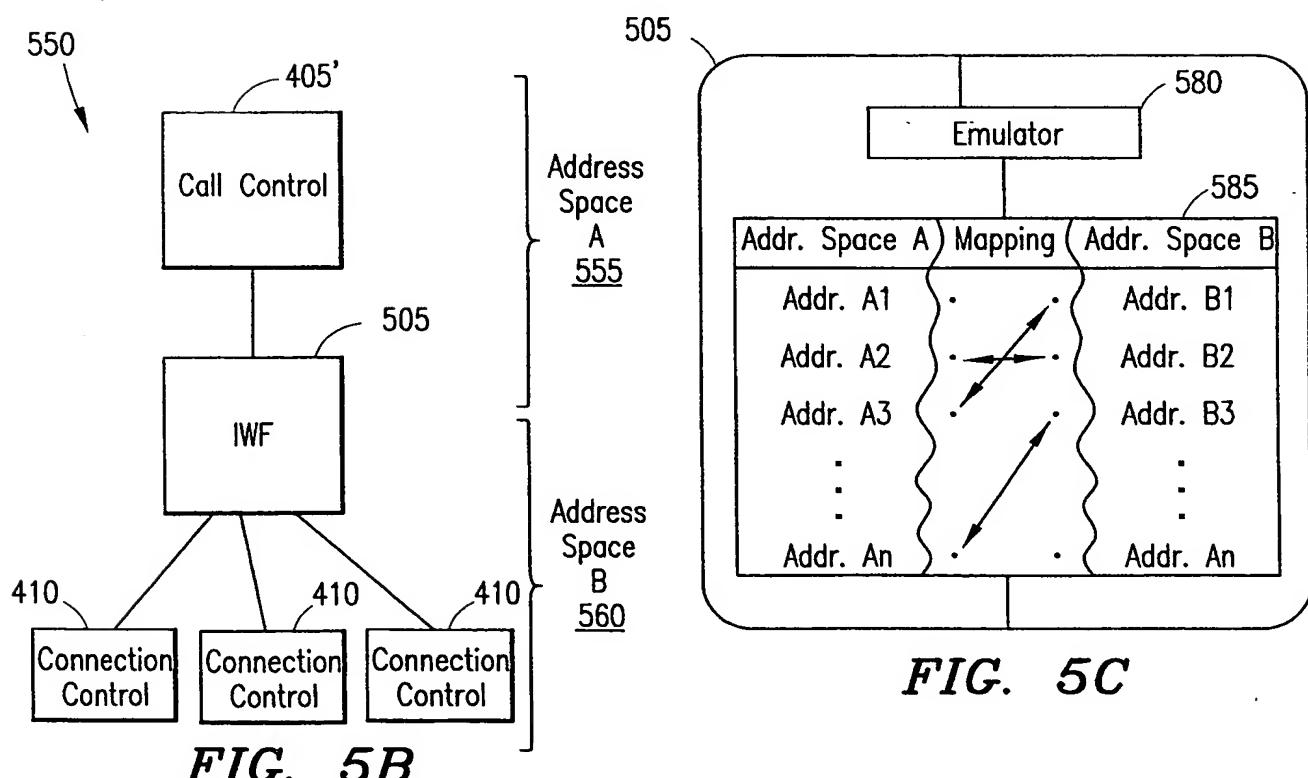
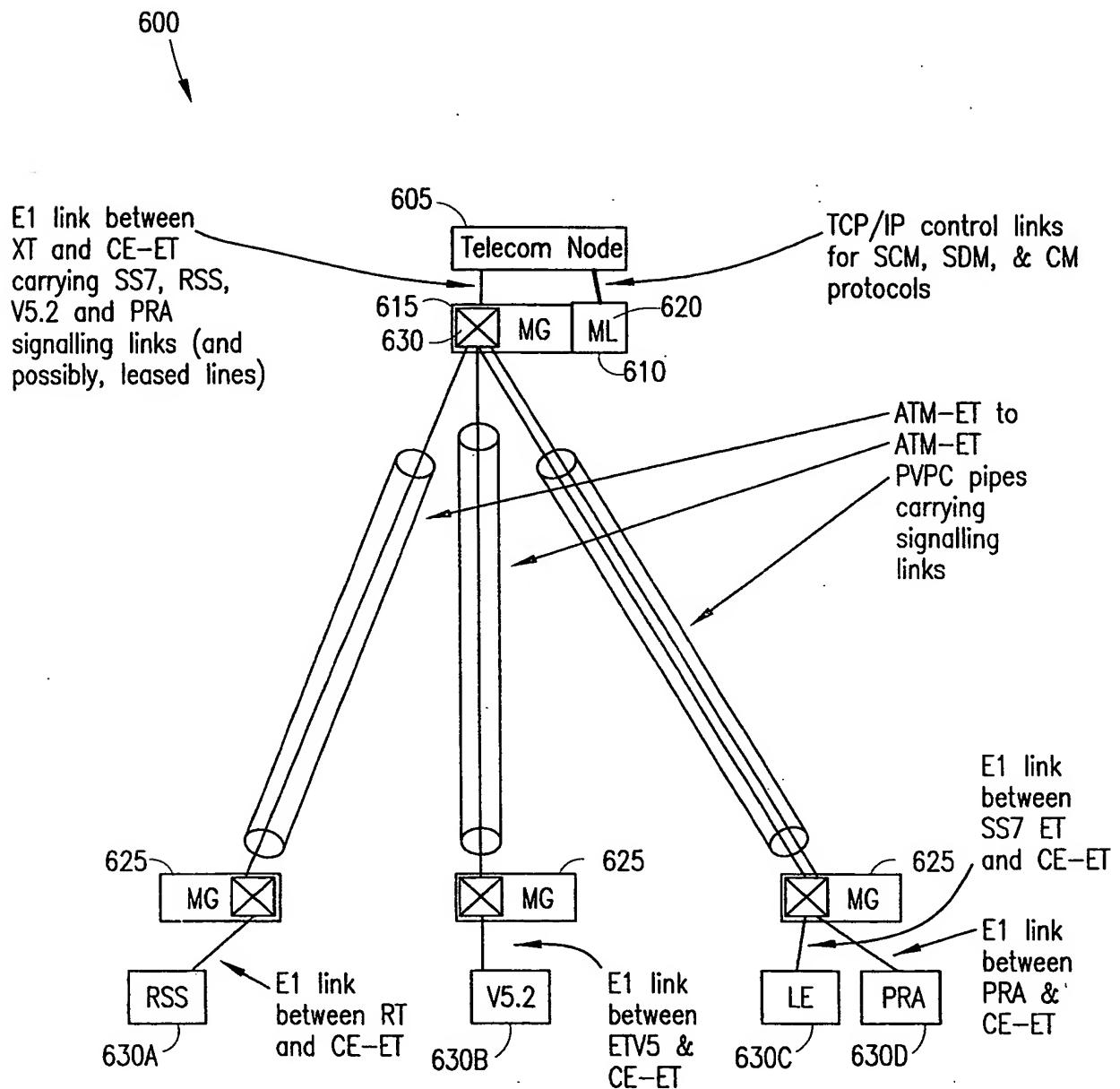


FIG. 5B

FIG. 5C



**FIG. 6**

ML—Media Logic  
 MGW—Media Gateway  
 LE—Local Exchange  
 AN—Generic Access Node  
 PBX—Private Branch Exchange  
 TDM—2M PCM link  
 NNI—Node Network Interface  
 UNI—User Network Interface

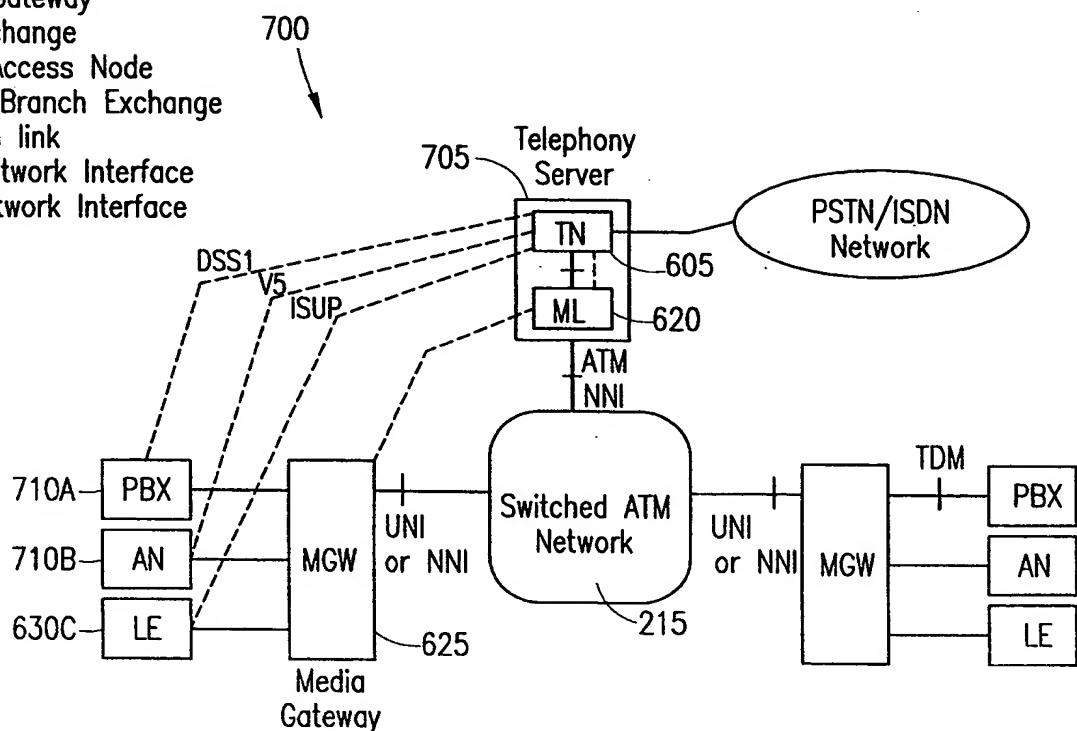


FIG. 7A

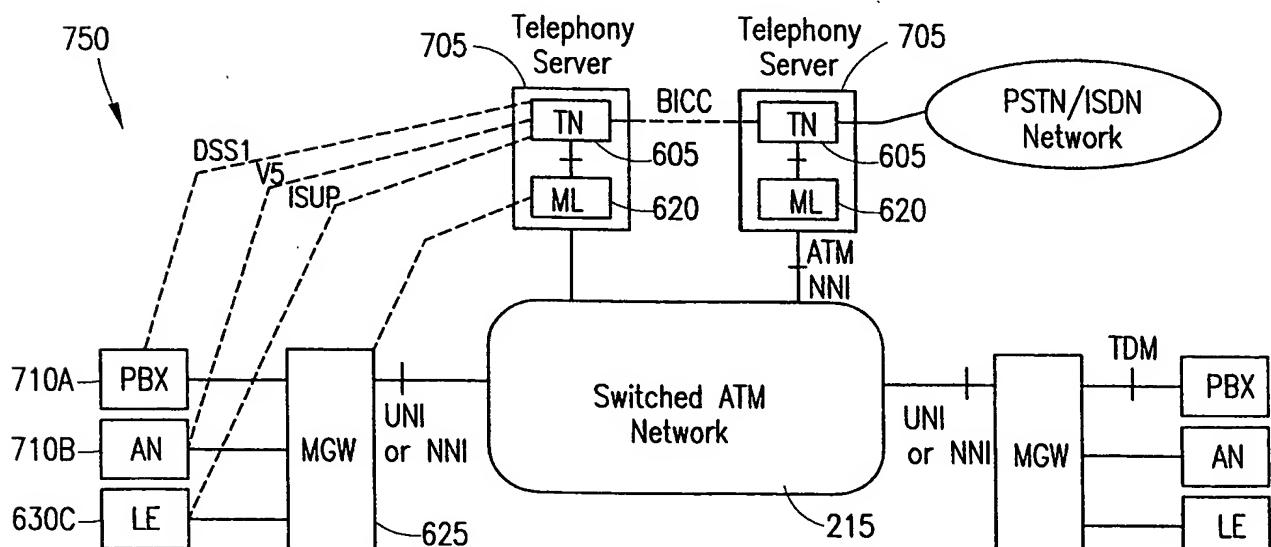
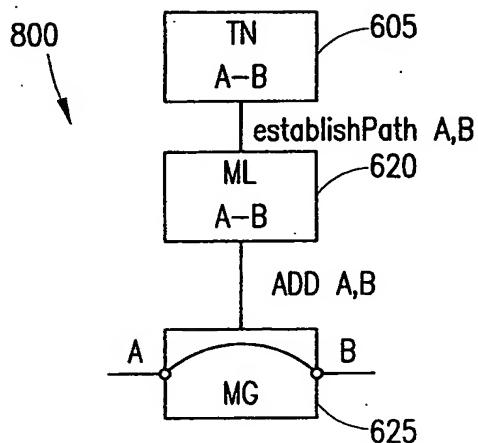
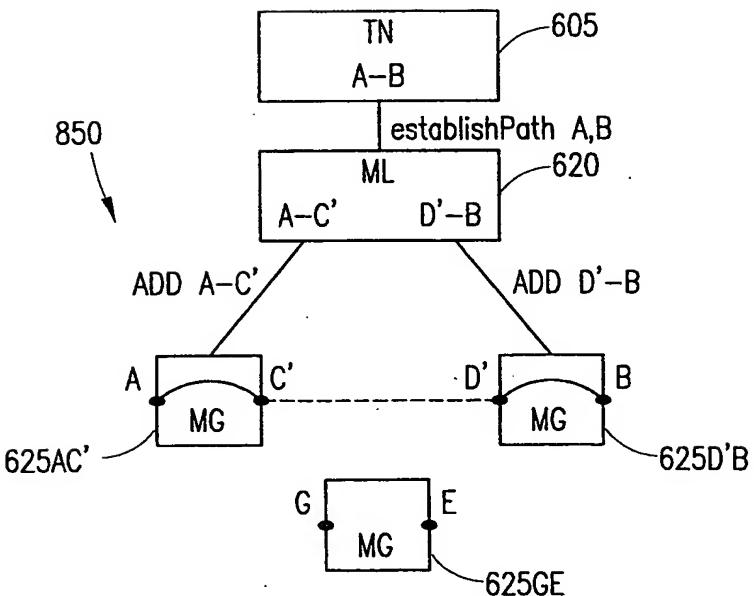


FIG. 7B

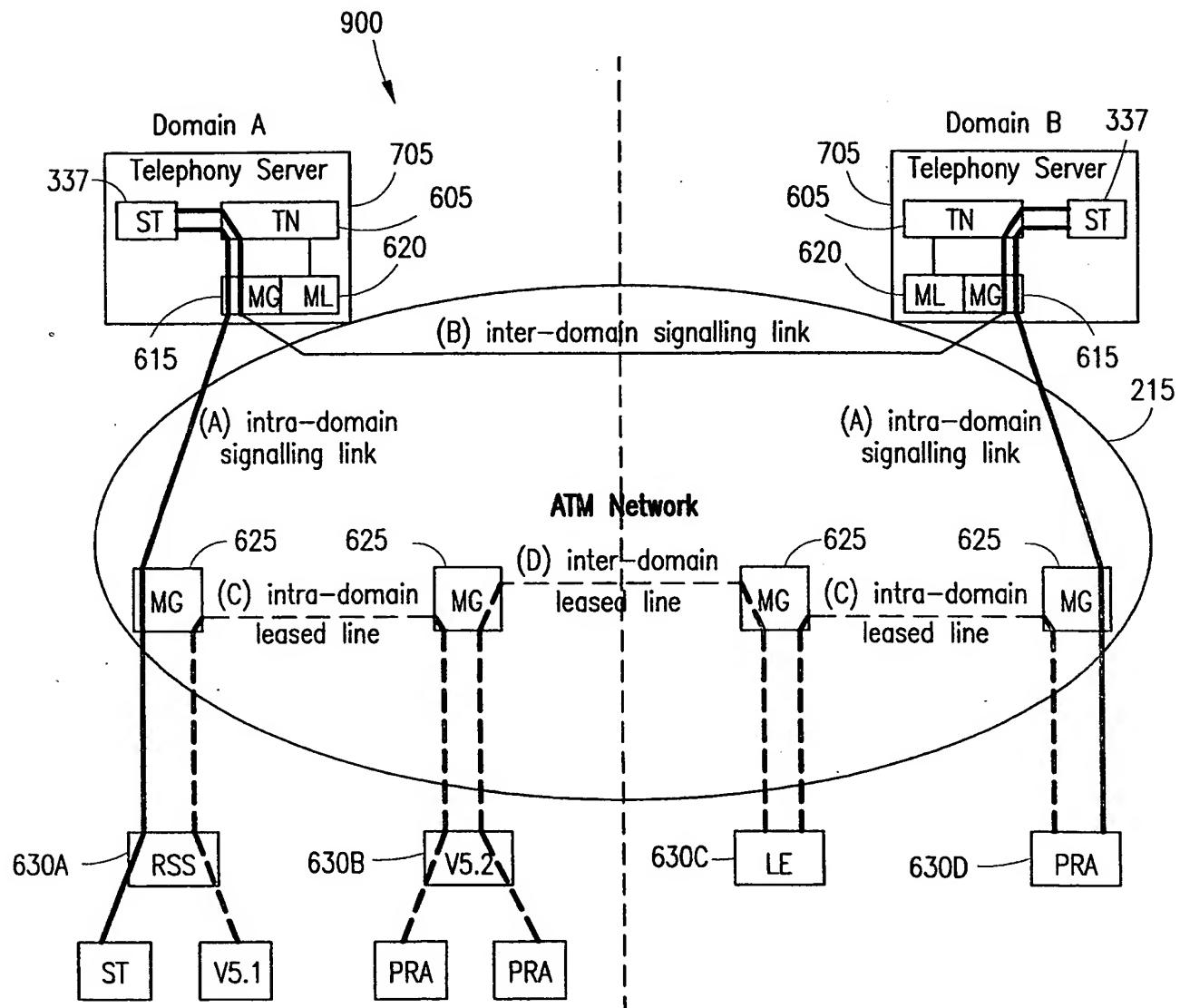
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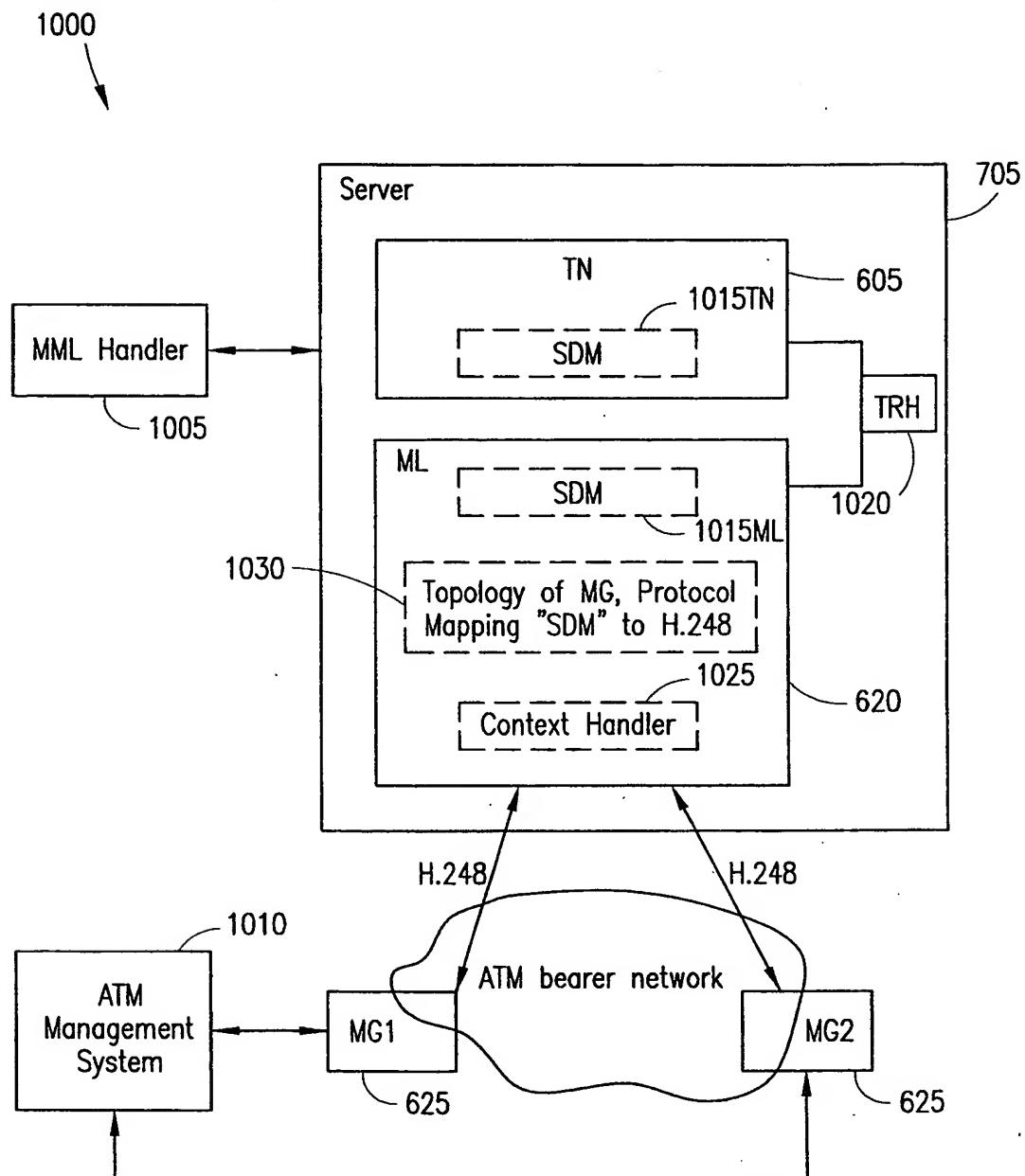
**FIG. 8A**



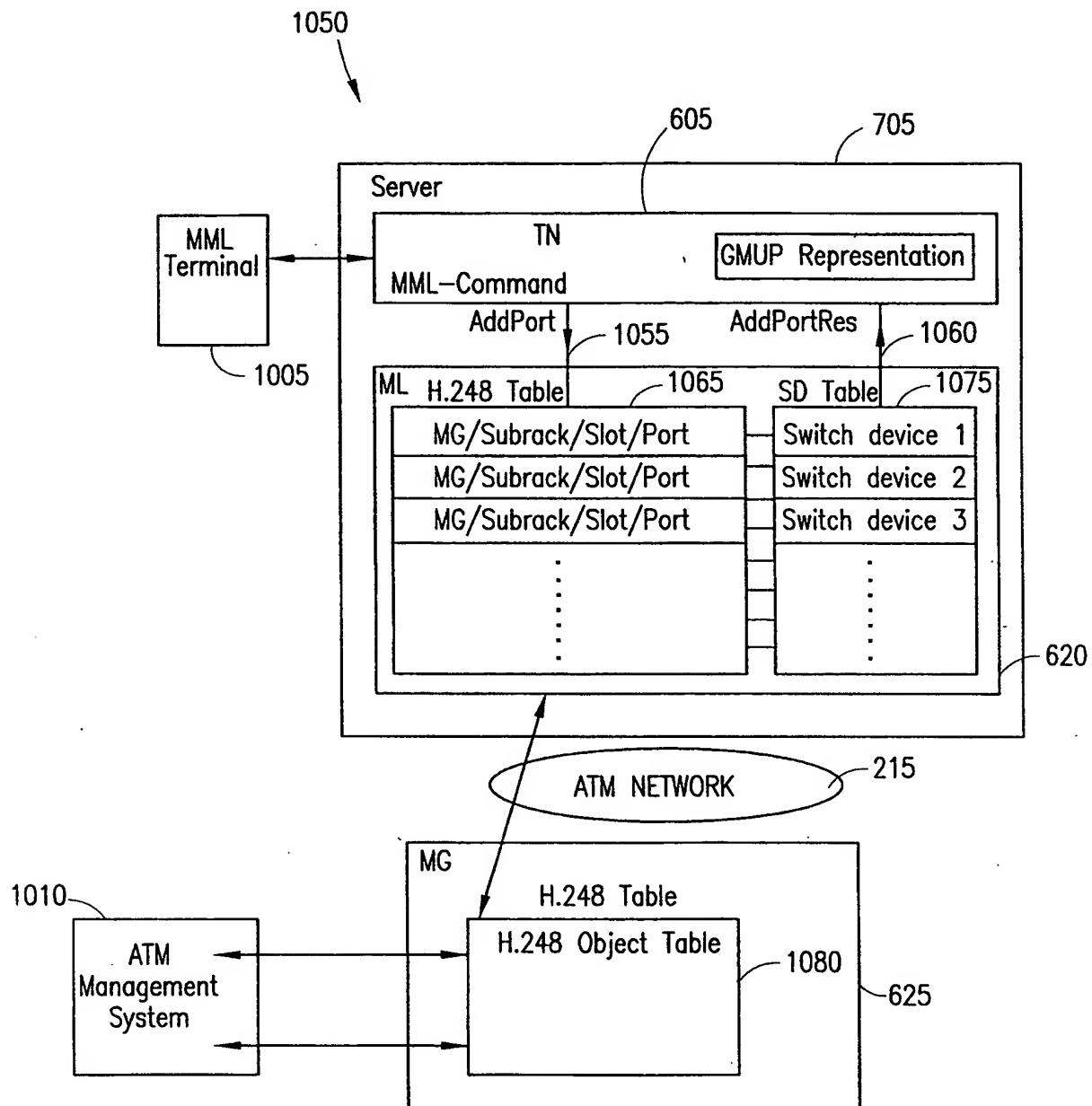
**FIG. 8B**



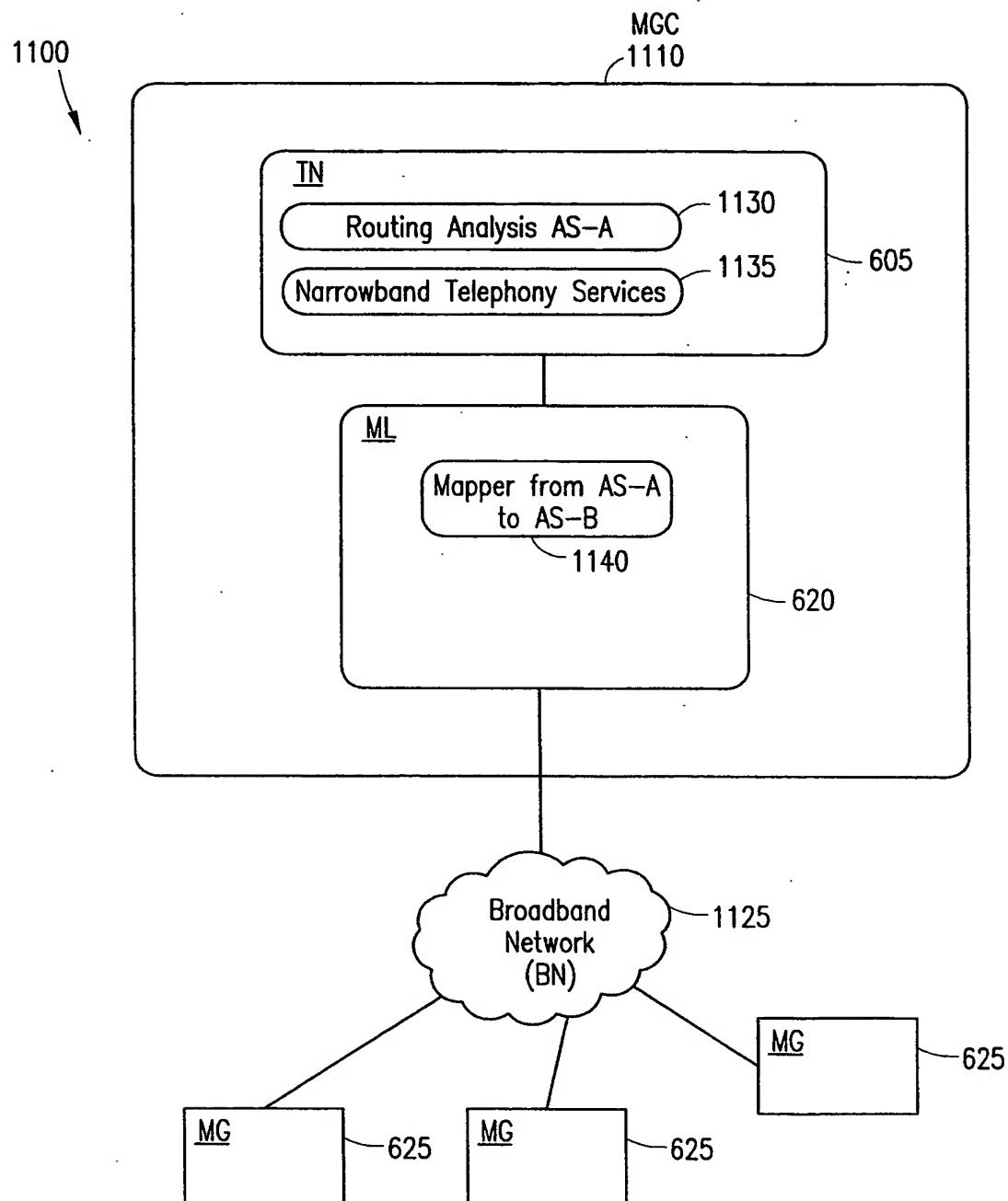
**FIG. 9**



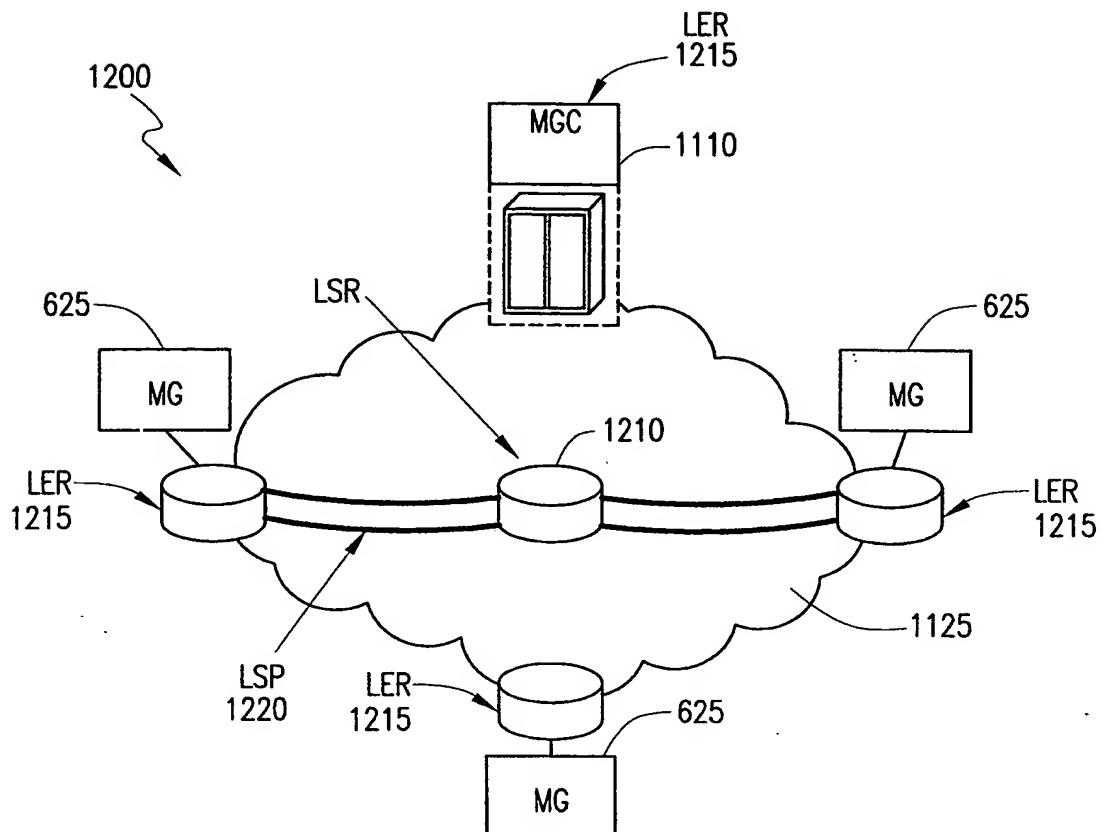
**FIG. 10A**



**FIG. 10B**



**FIG. 11**



**FIG. 12**

Bandwidth Data Structure

Field 1305	1310	1325	1335	1345	1300	1355	1350
Outgoing MG	Incoming MG		Bandwidth avail.		Total bandwidth		Statistics
MG3	MG1		0 Mb		50 Mb		....
MG2	MG1		5 Mb		30 Mb		....

Records 1360

**FIG. 13**

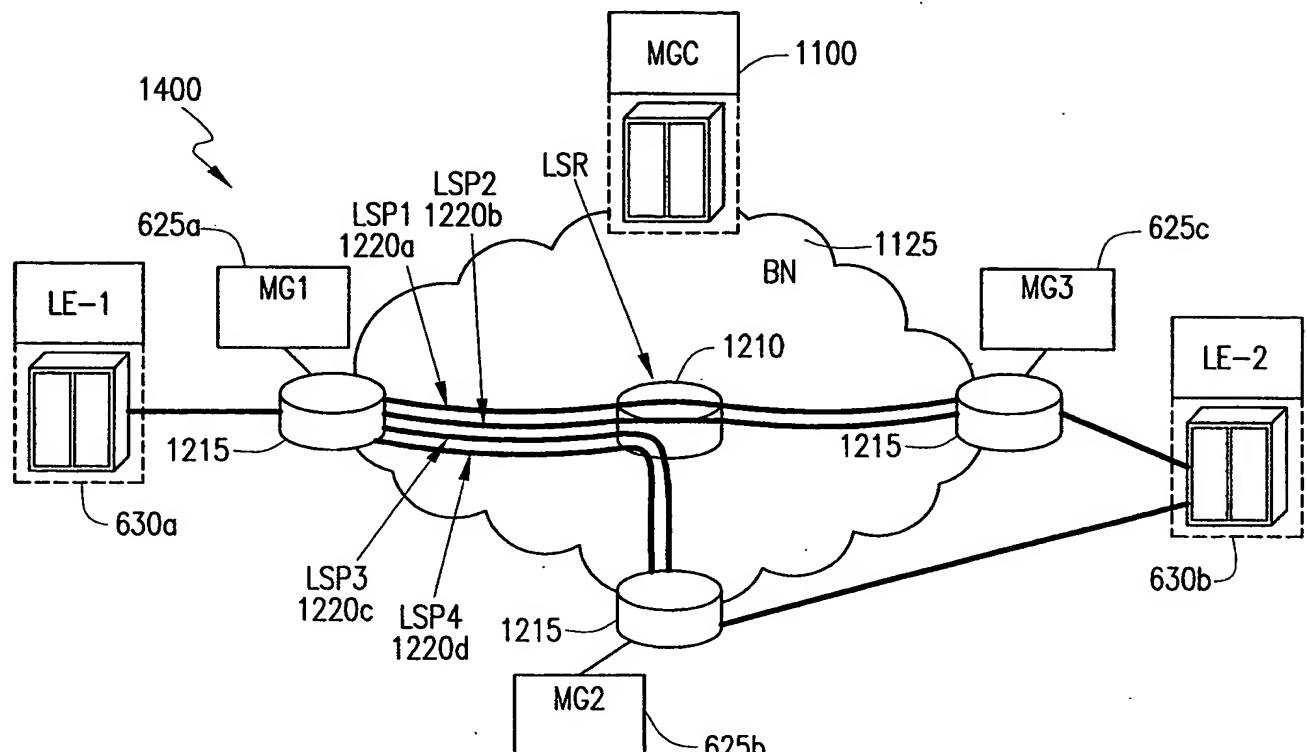


FIG. 14

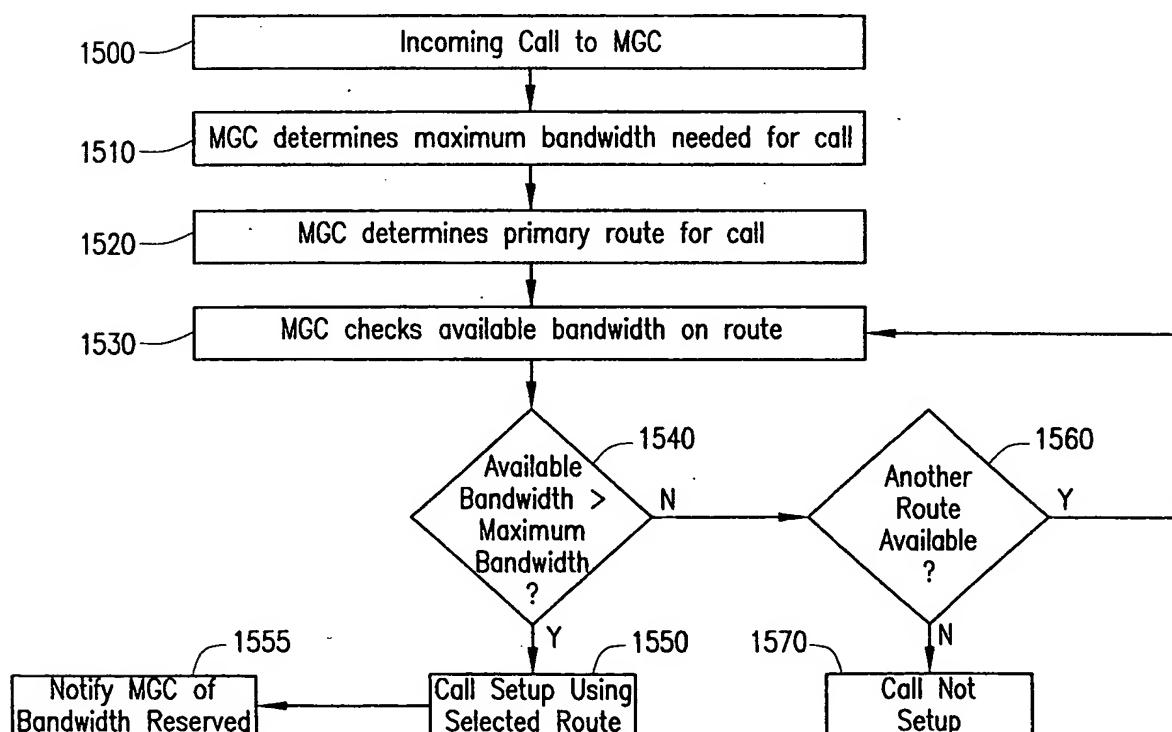
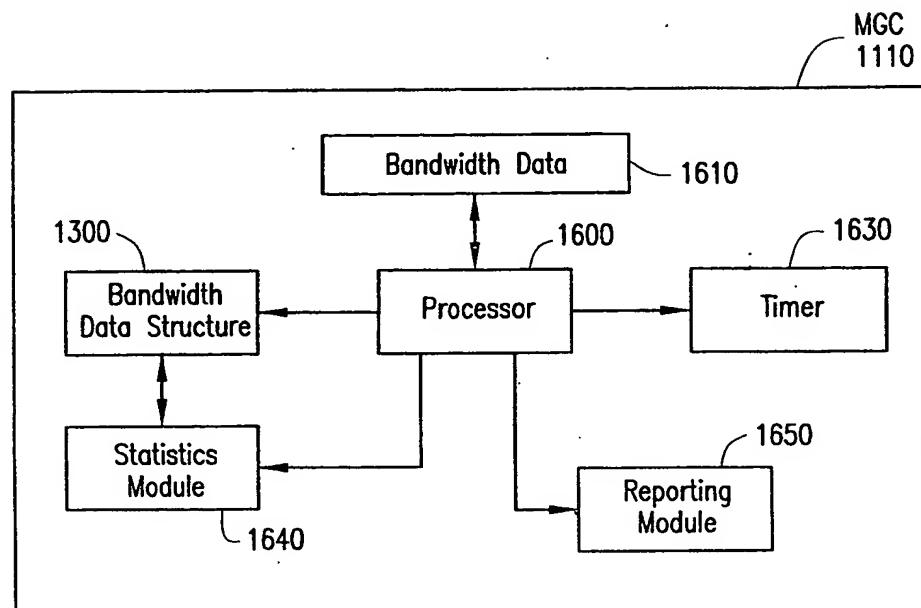
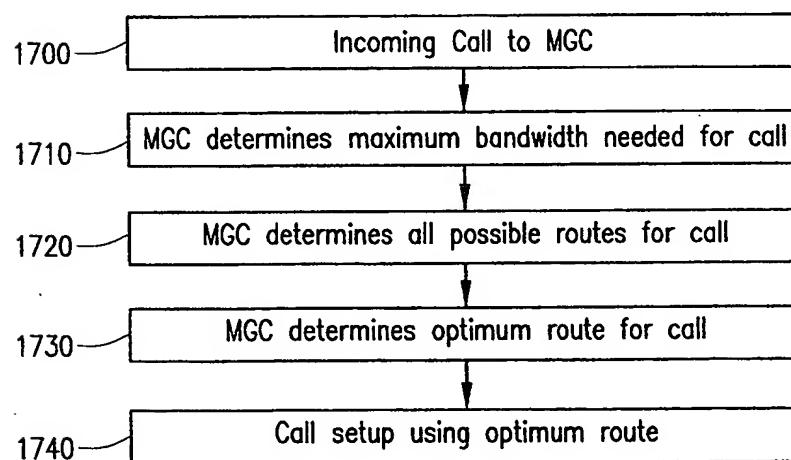


FIG. 15



*FIG. 16*



*FIG. 17*

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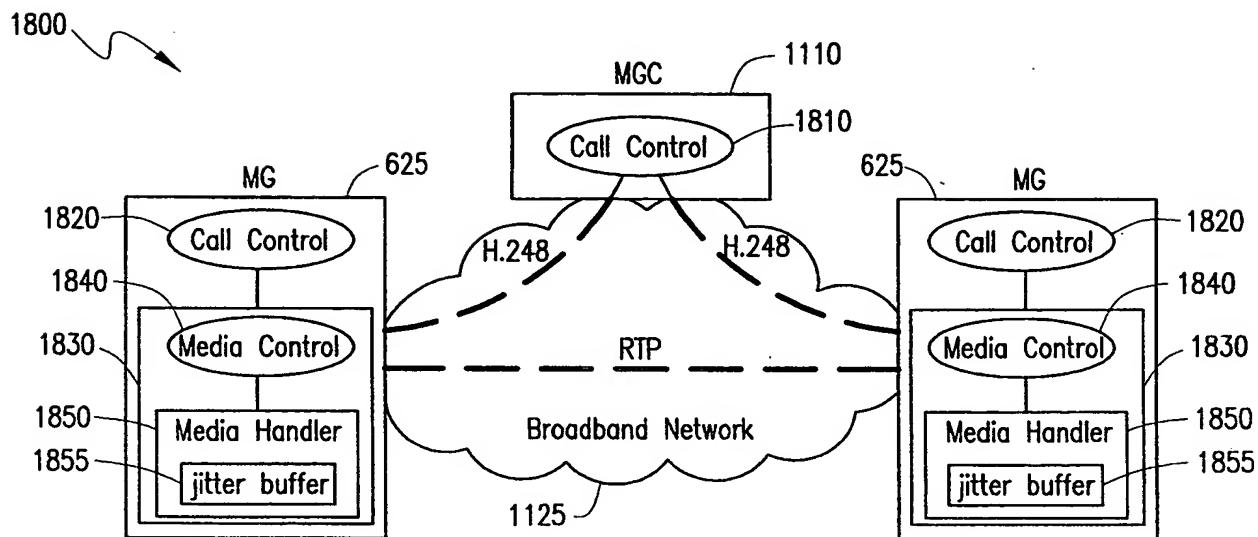


FIG. 18

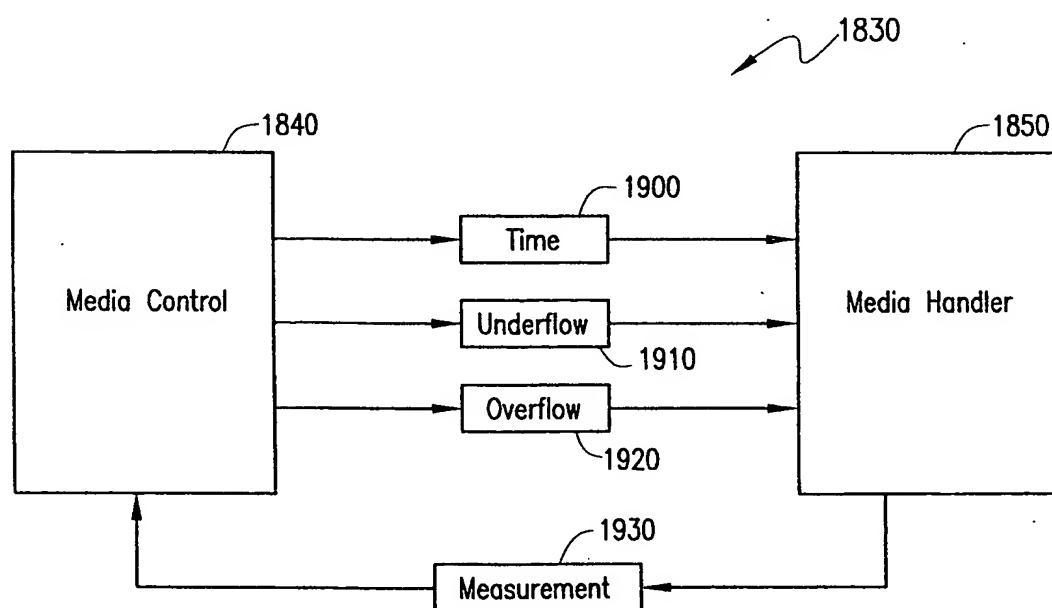


FIG. 19

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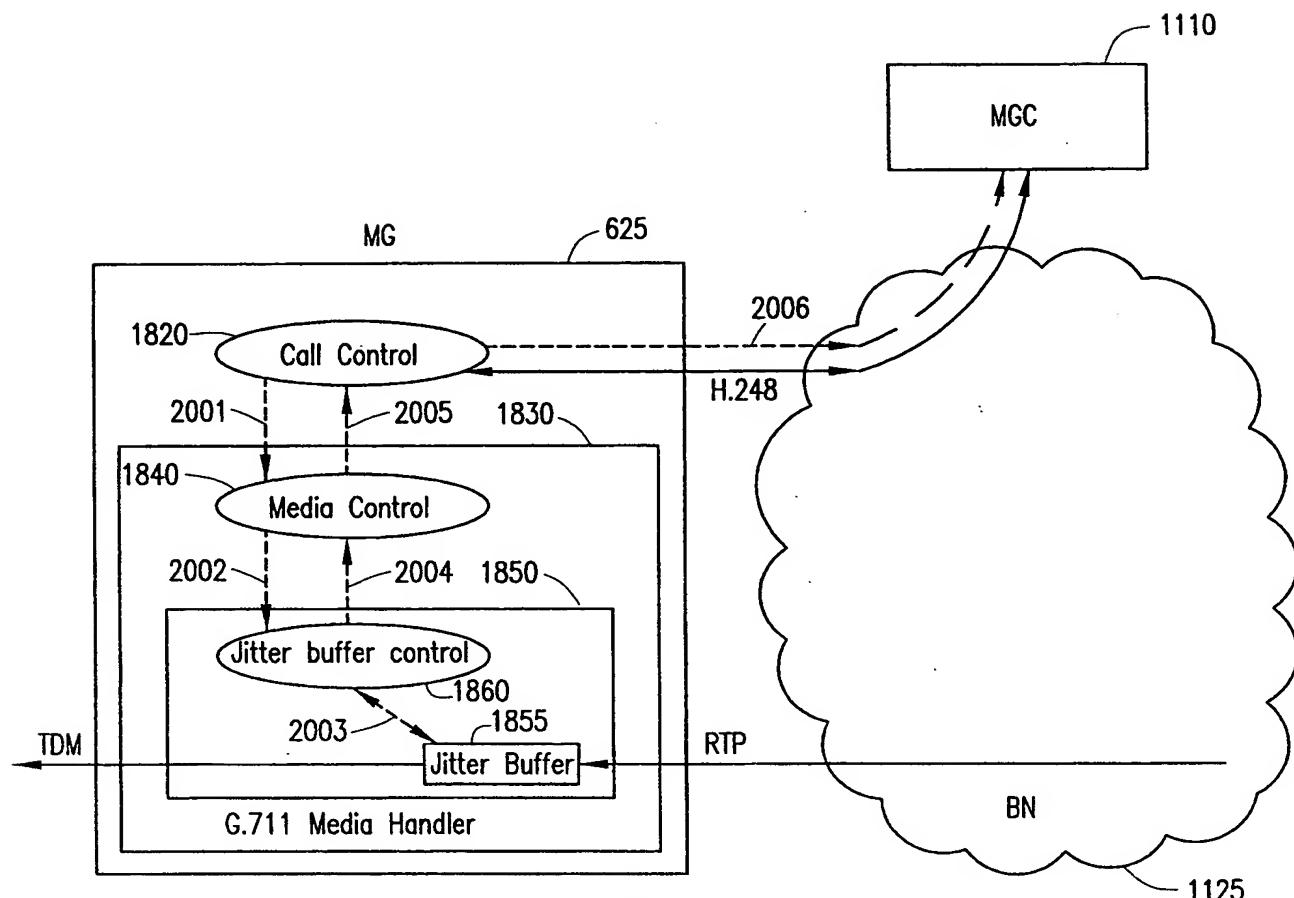


FIG. 20A

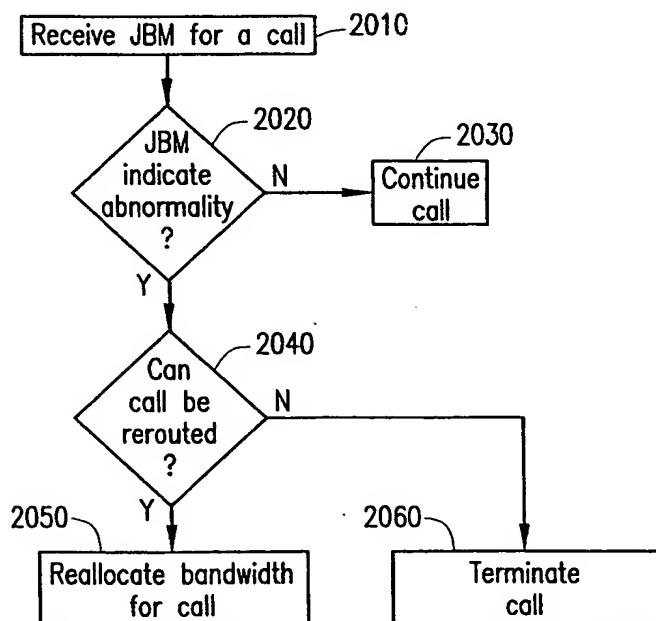


FIG. 20B

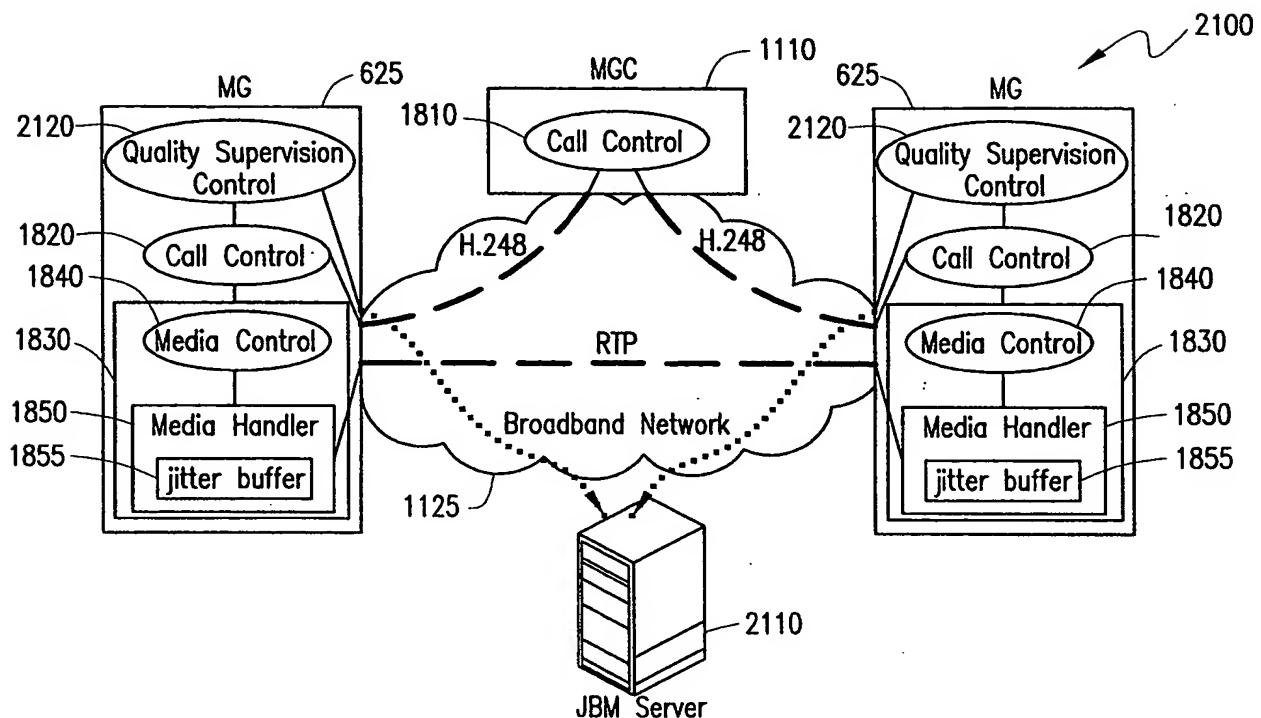


FIG. 21

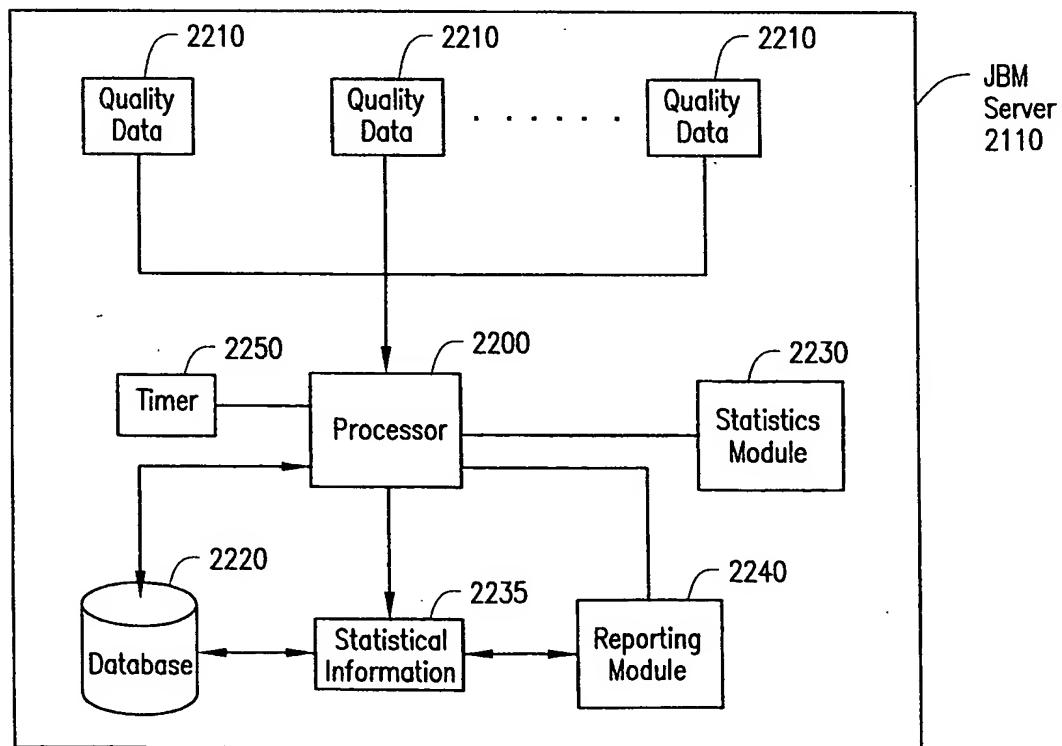


FIG. 22

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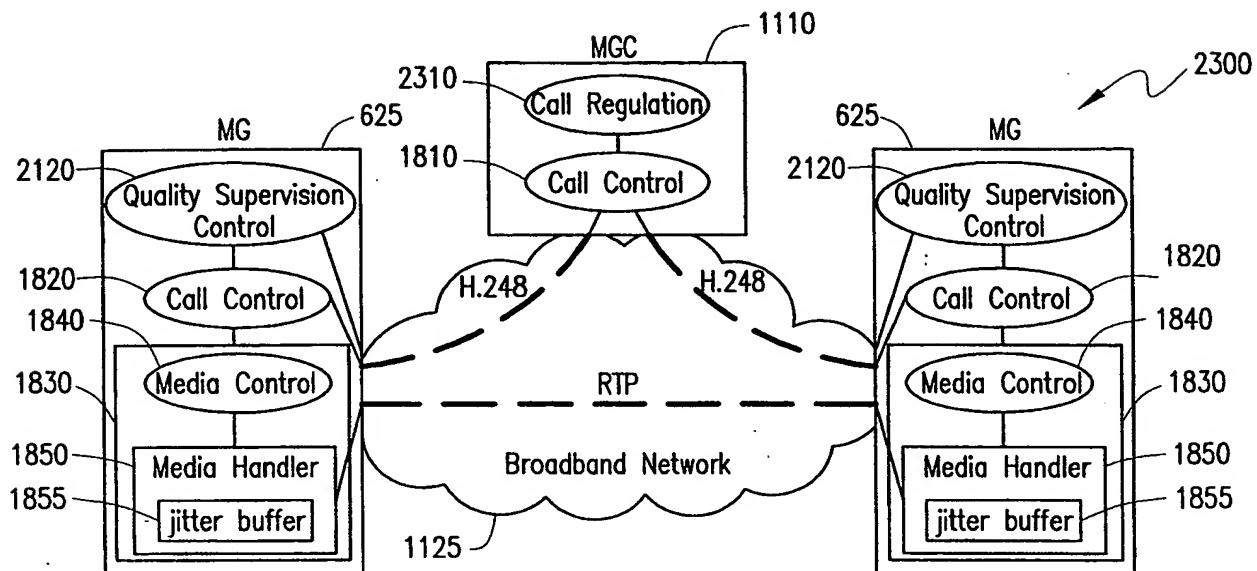


FIG. 23

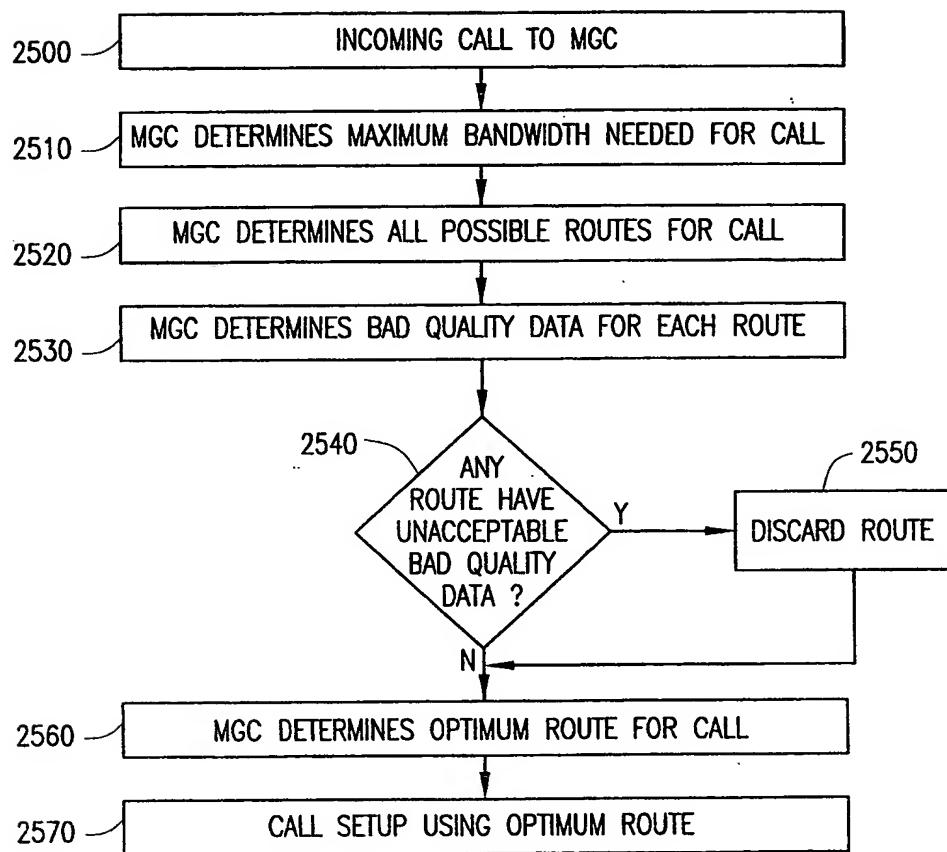
Bandwidth Data

Field 1305	1310	1320	Structure 1300	1330	1340	1350	1375
Outgoing MG	Incoming MG	Bandwidth avail.	Total bandwidth	Statistics		Bad quality calls (%)	
MG1	MG3	5 Mb	50 Mb	....		2%	
MG1	MG2	5 Mb	30 Mb	....		5%	

Records 1360

FIG. 24

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*FIG. 25*